

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

The Applicant thanks Examiner Suryawanshi for the indications of allowable matter in claims 9, 10, 19, 22 and 23 and allowed matter in claim 21.

SUPPORT FOR THE CLAIM AMENDMENTS

Support for the claim amendments may be found in the specification, for example, in FIG. 11 (selection circuit) and claim 1 (having a first frequency), as originally filed. The allowable matter from claim 9 and a similar part of claim 19 have been incorporated into independent claims 1, 11 and 20.

CLAIM REJECTION UNDER 35 U.S.C. §112

The rejection of claim 20 under 35 U.S.C. §112, second paragraph, has been obviated by appropriate amendment and should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 1-3, 5-8, 11-13, 15-18 and 20 under 35 U.S.C. §102(e) as being anticipated by Yeung et al. '436 (hereafter Yeung) has been obviated by appropriate amendment and should be withdrawn.

The allowable matter of claim 9 has been incorporated into claim 1. A portion of the allowable matter of claim 19, similar to the allowable matter of claim 9, has been incorporated into claim 11. Matter similar to the allowable matter of claim 9 has been incorporated into claim 20. As such, the presently claimed invention is fully patentable over the cited references and the rejection should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §103

The rejection of claims 4 and 14 under 35 U.S.C. §103(a) as being unpatentable over Yeung has been obviated by appropriate amendment and should be withdrawn.

Claim 4 and 14 are dependent from claims 1 and 11, which are now believed to be allowable. Since the dependent claims contain all of the limitations of the independent claims, claims 4 and 14 are fully patentable over the cited reference and the rejection should be withdrawn.

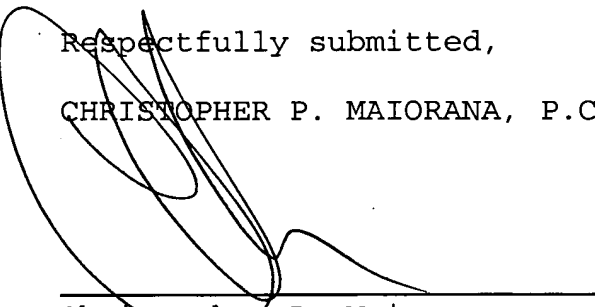
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicant's representative at 586-498-0670 should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge Deposit
Account No. 12-2252.

Respectfully submitted,

CHRISTOPHER P. MAIORANA, P.C.



Christopher P. Maiorana
Registration No. 42,829

Dated: July 18, 2005

c/o Pete Scott
LSI Logic Corporation
1621 Barber Lane, M/S D-106 Legal
Milpitas, CA 95035

Docket No.: 01-587 / 1496.00157